



(19)

(11) Publication number: **10248924 A**

Generated Document.

PATENT ABSTRACTS OF JAPAN

(51) Intl. Cl.: A61M 1/14

(22) Application date: 13.03.97

(30) Priority:

(43) Date of application publication: 22.09.98

(84) Designated contracting states:

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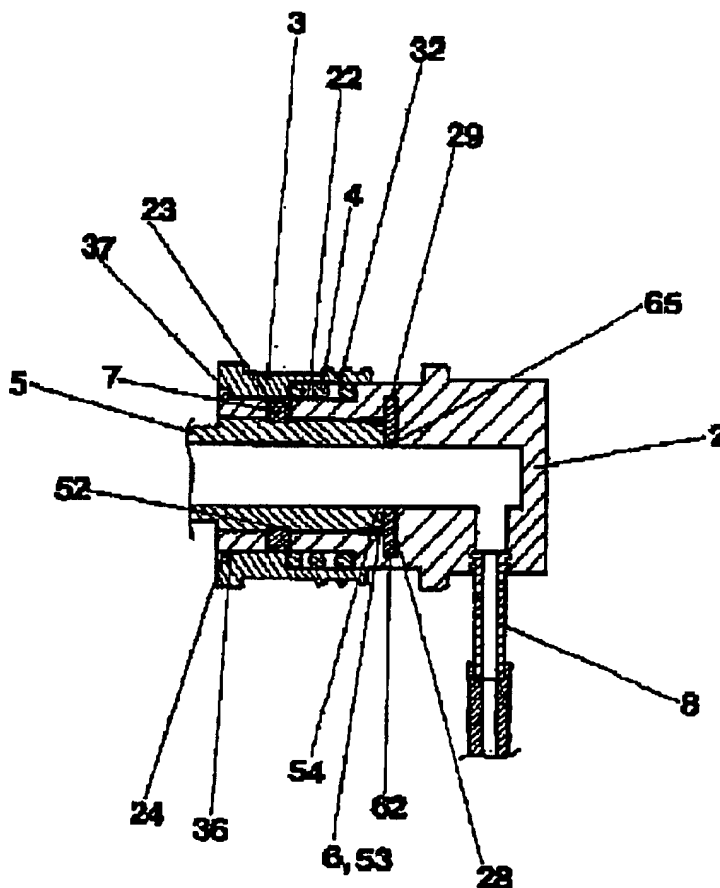
(74) Representative:

(54) COUPLER FOR CONNECTION OF DIALYZER

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent bacterial infection without impairing operability by making a sealing at a part where a plug tip for a dialysis liquid contacts the internal wall of a link tube to eliminate a dead space between the both.

SOLUTION: A coupler is constituted of a plug 8 linked to a hose for the perfusion of a dialysis liquid, a link tube 2 screwed down on the plug 8 orthogonal thereto and a sleeve 3 covering the external surface of the link tube 2. A plug 5 for the dialysis liquid is inserted into the link tube 2. Above parts are made of rust-free metal such as stainless steel. A part 6 where the plug 5 for the dialysis liquid closely contacts the link tube 2 is located at a contact part of the plug tip 53 for the dialysis liquid with a diameter-reduced cylindrical internal wall step part 28



internal wall step part 28
extending in the direction of
a base end part from near the
center of a lumen of the link
tube 2. A seal material 62
mounted on the internal wall
step part 28 seals liquid tight
between the plug tip 53 for
the dialysis liquid and the
internal wall of the link tube
2. This eliminates the dead
space between the tip and the
internal wall to hinder the
retention of the dialysis
liquid thereby preventing
bacterial infection.

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09192 Sep. 12. 2001 8:13PM LARSON & TAYLOR

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to prevent contamination of
the connected parts.

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